

ABSTRACT

**COMPOSITION FOR THE OXIDATION DYEING OF KERATIN
FIBRES AND DYEING PROCESS USING THIS COMPOSITION**

The invention relates to a ready-to-use composition for the oxidation dyeing of keratin fibres, and in particular human keratin fibres such as the hair, comprising, in a medium which is suitable for dyeing, para-phenylenediamine as first oxidation base, at least one para-aminophenol as second oxidation base, 2-methyl-5-N-(β -hydroxyethyl)aminophenol as coupler and at least one enzyme of 2-electron oxidoreductase type in the presence of at least one donor for the said enzyme, and to the dyeing process using this composition.